

Title (en)
COMMUNICATING CONTROL INFORMATION VIA INTERLEAVED SYMBOLS

Title (de)
ÜBERTRAGUNG VON STEUERINFORMATIONEN ÜBER VERSCHACHTELTE SYMBOLE

Title (fr)
COMMUNICATION D'INFORMATIONS DE COMMANDE PAR LE BIAIS DE SYMBOLES ENTRELACÉS

Publication
EP 3501229 B1 20230913 (EN)

Application
EP 17752258 A 20170804

Priority

- US 201662377470 P 20160819
- US 201715616124 A 20170607
- US 2017045605 W 20170804

Abstract (en)
[origin: US2018054841A1] Various aspects of the disclosure relate to communicating control information via interleaved symbols. For example, symbols of a first handshaking process may be interleaved with symbols of a second handshaking process. In some scenarios, the control information includes request-to-send (RTS) and clear-to-send (CTS) signaling. In some aspects, different tone spacing is used for the control information than is used for data within a subframe. In some aspects, a different cyclic prefix length is used for control information than is used for data within a subframe.

IPC 8 full level
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CPC (source: EP US)
H04L 5/0007 (2013.01 - EP US); **H04L 5/0053** (2013.01 - EP US); **H04L 5/0092** (2013.01 - EP US); **H04L 41/0806** (2013.01 - US); **H04W 74/0816** (2013.01 - EP US); **H04W 76/11** (2018.01 - US); **H04W 76/10** (2018.01 - US)

Citation (examination)

- EP 3057258 A1 20160817 - HUAWEI TECH CO LTD [CN]
- US 2011317633 A1 20111229 - TAN KUN [CN], et al
- "Detailed Draft Standard text changes to support DTBS. ; 1194258x_scan", IEEE DRAFT; 1194258X_SCAN, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.11, 31 December 2014 (2014-12-31), pages 1 - 20, XP068084678

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 10588166 B2 20200310; **US 2018054841 A1 20180222**; CN 109644506 A 20190416; CN 109644506 B 20220726; EP 3501229 A1 20190626; EP 3501229 B1 20230913; WO 2018034873 A1 20180222

DOCDB simple family (application)
US 201715616124 A 20170607; CN 201780050254 A 20170804; EP 17752258 A 20170804; US 2017045605 W 20170804